

Under the Paperwork Reduction Act of 1995, no persons are required to respon

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 14

t	one to a conoction of intermation discass it displays a valid Olvis contact number.							
ļ	Application Number	10/080,970						
	Filing Date	February 22, 2002						
	First Named Inventor	Christopher W. Widenhouse						
İ	Group Art Unit							
	Examiner Name							
	Attorney Docket Number	CRD-1008						

		U.S. Patent Doc	ument			
Examiner Initials	Cite No.1			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
1		5,846,247		Unsworth, et al.	12-08-1998	
		5,843,090		Schuetz, Wallace J.	12-01-1998	
		5,836,967		Schneider, Ernst	11-17-1998	•
		5,836,965		Jendersee, et al.	11-17-1998	
		5,814,062		Sepetka, et al.	09-29-1998	
		5,810,871		Tuckey, et al.	09-22-1998	
		5,782,855		Lau, et al.	07-21-1998	
		5,776,142		Gunderson, Richard C.	07-07-1998	
		5,776,141		Klein, et al.	07-07-1998	•
		5,749,880		Banas, et al.	05-12-1998	
		5,746,765		Kleshniski, et al.	05-05-1998	
<b>X8X</b>		6,113,608		Monroe, et al.	09-05-2000	

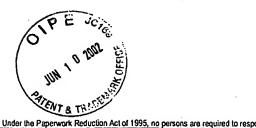
FOREIGN PATENT DOCUMENTS

| Foreign Patent Document | Name of Patentee or | No. 1 | Office | Number | KindCode | No. 1 | Number | KindCode | No. 1 | Number 
Signature | Considered | 117700

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 14

One to a conscion of information emisss it di	spiays a valid Givib Collifor Hulliogi.
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

				U.S. PATENT DOCUMENTS		
	U.S. Patent D		cument			
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
TA)		6,106,530		Harada, Kinya		08-22-2000
	<u></u>	6,096,045		Del Toro, et al.		08-01-2000
		6,093,194		Mikus, et al.		07-25-2000
		4,771,773		Kropf, Laurent		09-20-1988
		4,699,611		Bowden, Russell W.		10-13-1987
		5,484,449		Ryan, et al.	•	11-07-1995
		- 5,607,466		Imbert, et al.		03-04-1997
		4,732,152		Wallsten, et al.		03-22-1988
		4,649,922		Wiktor, Donimik M.		03-17-1987
		6,168,617	B1	Blaeser, et al.		01-02-2001
1/		6,146,415		Fitz, Matthew J.		11-14-2000
M		6,139,572		Campbell, et el.		10-31-2000

				FO	REIGN PATENT DOCUMENTS			
		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	т⁰
				-			· · ·	

Examiner		Date	11/7/	15/
Signature	are rulling	Considered	11///	00
*EXAMINER:	Initial if reference considered, whether or not citation is in conformance wit	h MPEP 609. Dra	w line through citation	if not in conformance and not
considered. In	nclude copy of this form with next communication to applicant,		•	

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. s Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 18 if possible. e Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 3 of 14

and to a contract of find the soft contract of the contract of							
Application Number	10/080,970						
Filing Date	February 22, 2002						
First Named Inventor	Christopher W. Widenhouse						
Group Art Unit							
Examiner Name							
Attorney Docket Number	CRD-1008						

U.S. PATENT DOCUMENTS

Examiner Initials	Cite		ind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
-0/L	No.¹	6,132,471	1	Johlin, Frederick C. Jr.	10-17-2000	
- DA		6,132,471	<del> </del>	Johnn, Frederick C. St.	10-17-2000	
		6,126,685	<u> </u>	Lenker, et al.	10-03-2000	
		6,123,723		Konya, et al.	09-26-2000	
		6,120,522		Vrba, et al.	09-19-2000	
		6,108,886		Kimes, et al.	08-29-2000	
		5,989,280		Euteneuer, et al.	11-23-1999	
		5,824,055		Spiridigliozzi, et al.	10-20-1998	
		5,824,036		Lauterjung, Karl L.	10-20-1998	
		5,800,517		Anderson, et al.	09-01-1998	
		5,733,267		Del Toro, Connie	03-31-1998	
T		5,545,209		Roberts, et al.	08-13-1996	
All		5,868,755		Kanner, et al.	02-09-1999	

**FOREIGN PATENT DOCUMENTS** 

·	Cite	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	ent where relevant							
Examiner Initials									Office <sup>3</sup>	Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>6</sup>		Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear
							··							
							· · · · · · · · · · · · · · · · · · ·							
								ļ						

Examiner		1000 1011 11.14 0 -	Date		
Signature		Cell Hill II II C	Considered		
AEMAN MAISO	1-111-1 11 1	and the latest and altertion in	in conformance with MOCD COO. Dec	nu line through citation if not in confe	consessed and

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 5 Applicant is to place a check mark here If English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
d to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 4 of 14

ond to a conaction of information unless it of	splays a valid Olya control number.				
Application Number	10/080,970				
Filing Date	February 22, 2002				
First Named Inventor	Christopher W. Widenhouse				
Group Art Unit					
Examiner Name					
Attorney Docket Number	CRD-1008				

				U.S. PATENT DOCUMENTS													
		U.S. Patent Do	cument														
Examiner Initials	Cite No.1				1 1			1			1 1			Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
DAF		5,851,210		Torossian, Richard	12-22-1998												
		6,027,510		Alt, Eckhard	02-22-2000												
		5,201,757		Heyn, et al.	04-13-1993												
		5,928,248		Acker, David E.	07-27-1999												
		5,522,883		Slater, et al.	06-04-1996												
].		5,484,444		Braunschweiler, et al.	01-16-1996	•											
		5,480,423		Ravenscroft, et al.	01-02-1996												
		5,456,694		Marin, et al.	10-10-1995												
		5,407,432		Solar, Ronald J.	04-18-1995												
		5,980,533		Holman, Thomas J.	11-09-1999												
		6,203,558	B1	Dusbabek, et al.	03-20-2001												
(11)		5,968,053		Revelas, Demetrios	10-19-1999												

				FC	REIGN PATENT DOCUMENTS			
		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	Τ°
								ļ
		ļ	<u></u>					
	<del> </del>		ļ			<del></del>		<u> </u>
		<del> </del>		4				

	١ ٨	2 1 D H V I I I I I	00.0	1/11 / 1/ 1/	
Signature	- 1-0 KJ	iseust us	<ul> <li>Considered //</li> </ul>	10/106	
*EXAMINER:	Initial if reference considered, whe	the or not citation is in conform	nance with MPEP 609. Draw lin	through citation if not in conform	ance and not
considered la	clude come of this form with part of	ammunication to applicant		•	

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 5 of 14

Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

	T	U.S. Patent Doc	ument	U.S. PATENT DOCUMENTS		
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
08		5,944,726		Blaeser, et al.	08-31-1999	
		5,919,225		Lau, et al.	07-06-1999	
		5,919,204		Lukic, et al.	07-06-1999	
		5,507,770		Turk, Rodney E.	04-16-1996	
		5,507,768		Lau, et al.	04-16-1996	
		5,478,349		Nicholas, Peter M.	12-26-1995	
		5,476,505		Limon, Timothy A.	12-19-1995	
		5,464,408		Duc, Jerome	11-07-1995	
		6,217,585	B1	Houser, et al.	04-17-2001	·
		5,893,867		Bagaoisan, et al.	04-13-1999	
1/		5,891,154		Loeffler, Joseph P.	04-06-1999	
_dvi_		5,873,906		Lau, et al.	02-23-1999	

	Foreign Patent Document				Date of Publication of Cited Document	Pages, Columns, Lines,	
Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>6</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	Τ <sup>6</sup>
		·					
		Cite	Cite	Cite Foreign Patent Document	Cite Name of Patentee or  Applicant of Cited Document	Cite Name of Patentee or of Cited Document Mm-dd-yyyy	Foreign Patent Document  Name of Patentee or  Name of Patentee or  Applicant of Cited Document  Name of Patentee or  Applicant of Cited Document  Mm-dd-yyyy  Pages, Cotumns, Lines, where relevant passages or relevant fource appear

Signature | Considered | Consid

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB coaled

Under the Paperwork Reduction Act of 1995, no persons are required to res

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 6 of 14

^	and to a conection or information diffess it di	splays a valid Civib Condui Hulliusi.
I	Application Number	10/080,970
ľ	Filing Date	February 22, 2002
I	First Named Inventor	Christopher W. Widenhouse
ſ	Group Art Unit	-
ſ	Examiner Name	
I	Attorney Docket Number	CRD-1008

<del></del>	T	U.S. Patent Doo	rument	U.S. PATENT DOCUMENTS	<del></del>	
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
M		6,033,413		Mikus, et al.	03-07-2000	
		6,077,295		Limon, et al.	08-20-2000	
		6,077,273		Euteneuer, et al.	06-20-2000	
1.		6,045,557		White, et al.	04-04-2000	
		6,042,588		Munsinger, et al.	03-28-2000	
		5,735,859		Fischell, et al.	04-07-1998	,
		4,830,003		Wolff, et al.	05-16-1989	
		6,117,140		Munsinger, Joel R.	09-12-2000	
		6,136,011		Stambaugh, James W.	10-24-2000	
		6,136,006		Johnson, et al.	10-24-2000	
		5,628,754		Shevlin, et al.	05-13-1997	
M		5,591,226		Trerotola, et al.	01-07-1997	

	·				EIGN PATENT DOCUMENTS			,
		Foreign	Patent Docur	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	T <sup>e</sup>
							•	
		·						
						1		
			,					
			<u> </u>	1				

Signature	Dolli 18t	ulle	Considered	- 11 1 °	7 106	
*EXAMINER:	Initial if reference considered, whe	ther or not citation is in con	formance with MPEP 609, Draw	line through	citation if no	ot in conformance and not
considered. It	nclude copy of this form with next c	communication to applicant.		• -		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. s Applicant is to place a check mark here if English language Translation is attached.



PTC/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unlass it displays a valid OMB control number.

Substitute for form 1449A/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 7 of 14

Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

_					U.S. PATENT DOCUMENTS		
	Examiner Initials	Cite No.1		nd Code <sup>2</sup> if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
1	At.		5,571,114		Devanaboyina, Udaya-Sankar	11-05-1996	
			5,409,495		Osborn, Kenneth L.	04-25-1995	
			5,372,600		Beyar, et al.	12-13-1994	
			5,037,427		Harada, et al.	08-06-1991	
			5,007,914		Schweigerling, Paul E.	04-16-1991	
			5,026,377		Burton, et al.	06-25-1991	
			5,458,615		Klemm, et al.	10-17-1995	
			5,443,477		Marin, et al.	08-22-1995	
			5,415,664		Pinchuk, Leonard	05-16-1995	
			5,411,507		Heckele, Helmut	05-02-1995	
		,	5,391,172		Williams, et al.	02-21-1995	
	OX		5,344,426	, i	Lau, et al.	09-06-1994	

					REIGN PATENT DOCUMENTS			_
		Foreign	Patent Docu	iment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	T <sup>©</sup>
		ļ						_
	ļ					<del>-</del> .		
				+				

Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. s Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to res

Substitute for form 1449A/PTO

Examiner

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 8 of 14

pond to a conection of information dialess it di	splays a valid Olyb Conduct flumber.
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

				U.S. PATENT DOCUMENTS		
Examiner Initials	Cite			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
DAL.		5,342,300		Stefanadis, et al.	08-30-1994	
		5,078,720		Burton, et al.	01-07-1992	
		4,580,568		Gianturco, Cesare	04-08-1986	
		6,206,888	B1	Bicek, et al.	03-27-2001	
		6,123,720		Anderson, et al.	09-26-2000	
		5,968,052		Sullivan, et al.	10-19-1999	
·		6,004,328		Solar, Ronald J.	12-21-1999	
		5,957,930		Vrba, Anthony C.	09-28-1999	
		5,951,569		Tuckey, et al.	09-14-1999	
		5,928,246		Gordon, et al.	07-27-1999	
		5,906,619		Olson, et al.	05-25-1999	
[]()		5,860,998		Robinson, et al.	01-19-1999	

				FOR	REIGN PATENT DOCUMENTS			
Examiner	Cite	Foreign	Patent Docu	ument	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant passages or relevant	
Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	figures appear	Τ°
								<u> </u>
				- 0				
				<u> </u>				

Signature			Considered	1111100	
*EXAMINER: Initial if reference	considered, whether or no	ot citation is in conformant	e with MPEP 609. Draw	line through citation i	if not in conformance and not
considered. Include copy of this				/ -	

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. e Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington,



PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Examiner

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 9 of 14

	7.0 10 0
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W.
	Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

				U.S. PATENT DOCUMENTS			
	U.S. Patent Document		cument				
Examiner Initials	Cite		Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines where relevant passage	
IIIIIIIII	No.1	Number	(if known)		mm-dd-yyyy	or relevant figures appea	
OA		5,843,092		Heller, et al.	12-01-1998		
		5,792,144		Fischell, et al.	09-11-1998		
		5,788,707		Del Toro, et al.	08-04-1998		
		5,772,669		Vrba, Anthony C.	06-30-1998		
		5,755,722		Barry, et al.	05-26-1998		
		5,713,907		Hogendijk, et al.	02-03-1998	· ·	
		5,707,376		Kavteladze, et al.	01-13-1998		
		5,695,498		Tower, Allen J.	12-09-1997		
		5,690,643		Wijay, Bandula	11-25-1997		
		6,196,230	B1	Hall, et al.	03-06-2001		
	1	6,183,481	B1	Lee, et al.	02-06-2001		
THE T		6,174,327	B1	Mertens, et al.	01-16-2001		

		Foreign	Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	Τ <sup>0</sup>
	ļ				*			
								-
				_				
	/	<u> </u>		-				
	<del></del>			_				

Signature \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation Is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to resp

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

· Sheet 10 of 14

Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

		U.S. Patent Document				
Examiner Initials	Cite No. <sup>1</sup>	К	ind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		6,162,231		Mikus, et al.	12-19-2000	
		6,146,389		Geitz, Kurt	11-14-2000	
		6,143,021		Staehle, Bradford G.	11-07-2000	
		5,443,477		Marin, et al	08-22-1995	
		5,391,172		Williams, et al.	02-21-1995	
		5,902,333		Roberts, et al.	05-11-1999	
		5,902,317		Kleshinski, et al.	05-11-1999	
		5,910,145		Fischell, et al.	06-08-1999	
		6,019,778		Wilson, et al.	02-01-2000	
		5,776,140		Cottone, Robert	07-07-1998	
		5,709,701		Parodi, Juan C.	01-20-1998	
181		4,733,665		Palmaz, Julio C.	03-29-1988	

		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	T⁰
		1						
	ļ				/			
			<u> </u>	-				
	<del> </del>			4				
	<del> </del>						<u> </u>	<u> </u>
	<u> </u>		l					

Signature		Considered	MII	106	
*EXAMINER:	Initial if reference considered, whether or not citation is in conformance with I	MPEP 609. Draw	line through	ditation if not in	n conformance and not
considered. In	actude copy of this form with next communication to applicant.		- 1		

1 Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. a Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respo

Substitute for form 1449A/PTO

Examiner Signature

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 11 of 14

porio to a conocuon or miorniauon diness il o	isplays a valid Child Condoi humber.
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

				U.S. PATENT DOCUMENTS		
		U.S. Patent Do	cument			
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
704		4,739,762		Palmaz, Julio C.	04-26-1988	
		4,776,337		Palmaz, Julio C.	10-11-1988	
		4,913,141		Hillstead, Richard A.	04-03-1990	
		5,453,090		Martinez, et al.	09-26-1995	
		5,593,412		Martinez, et al.	01-14-1997	
		5,976,153		Fischell, et al.	11-02-1999	
		5,669,880		Solar, Ronald J.	09-23-1997	
		6,190,393	B1	Bevier, et al.	02-20-2001	
		5,928,248		Acker, David E.	07-27-1999	
		5,019,085		Hillstead, Richard A.	05-28-1991	
		6,200,337	B1	Monuchi, et al.	03-13-2001	
MA		6,174,316	B1	Tuckey, et al.	01-16-2001	•

			FOR	EIGN PATENT DOCUMENTS			
	Foreign Patent Document		ıment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	Τ°
					_		
		ļ			-		· ·
-					-		ļ
		ļ. ——	+		<del></del>		
		Cite	Cite Constant	Cite Foreign Patent Document	Cite Name of Patentee or Applicant of Cited Document	Cite  Foreign Patent Document  Name of Patentee or  Applicant of Cited Document  Mm-dd-yyyy	Foreign Patent Document  Name of Patentee or  Name of Patentee or  Applicant of Cited Document  Name of Patentee or  Applicant of Cited Document  Mm-dd-yyyy  Pages, Columns, Lines, where relevant passages or relevant figures appear

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington,



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO

Examiner

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 12 of 14

1	One to a conscion of imonification diffess it dis	pieys a valid Civib Control Humber.
	Application Number	10/080,970
	Filing Date	February 22, 2002
	First Named Inventor	Christopher W. Widenhouse
	Group Art Unit	Widefillouse
	Examiner Name	<u> </u>
	Attorney Docket Number	CRD-1008

					U.S. PATENT DOCUMENTS								
Examiner Initials		Cite No.1							U.S. Patent Do	Cument  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
Y	#		6,193,727	81	Foreman, et al.	02-27-2001							
			6,159,229		Jendersee, et al.	12-12-2000							
			6,152,944		Holman, et al.	11-28-2000							
	$\top$		6,143,016		Bleam, et al.	11-07-2000							
			6,098,027		Layne, Richard	08-01-2000							
			6,070,589		Keith, et al.	06-06-2000							
	T		6,068,634		Lorentzen Cornelius et al.	05-30-2000							
			6,019,777		Mackenzie, Andrew James	02-01-2000							
			6,015,429		Lau, et al.	01-18-2000							
			6,007,543		Ellis, et al.	12-28-1999							
			6,004,347		McNamara, et al.	12-21-1999							
	M		5,980,530		Willard, et al.	11-09-1999							

					EIGN PATENT DOCUMENTS	<del></del>	/	
Examiner Initials		Foreign	Patent Docume	ent	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
	Cite No.1	Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>5</sup>		indCode <sup>5</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	T <sup>6</sup>
								ļ
	ļ							<u> </u>
					·-			L
	ļ			1				
								<u> </u>
								1

Signature Considered Considered Considered Whether or not citation is in conformance with MPEP 609. Draw line through distinct if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible, e Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 13 of 14

One to a concessin or inventible in emices it en	spidys a valid Citis Collade Hallioca.
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

					U.S. PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·
Examir Initials		Cite No.1	U.S. Patent Do	Kind Code <sup>z</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
XX			6,217,586	B1	Mackenzie, Andrew James	04-17-2001	
		-	5,746,763		Benderev, et al.	05-05-1998	
			5,709,703		Lukic, et al.	01-20-1998	
			5,702,418		Ravenscroft, Adrian C.	12-30-1997	
			5,697,948		Marin, et al.	12-16-1997	
	$I \perp$		5,690,644		Yurek, et al.	11-25-1997	
	$\prod$		5,683,451		Lenker, et al.	11-04-1997	
	$\prod$		5,643,278		Wijay, Bandula	07-01-1997	
	$\coprod$		5,618,300		Marin, et al.	04-08-1997	
			5,603,698		Roberts, et al.	02-18-1997	
			5,601,600		Ton, Dai	02-11-1997	
	$\gamma 0$		5,591,197		Orth, et al.	01-07-1997	

				FO	REIGN PATENT DOCUMENTS			
		Foreign Patent Document		ument	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>6</sup>	Applicant of Cited Document	Mm-dd-yyyy	passages or relevant figures appear	T <sup>®</sup>
						<u> </u>		
		/						
		<u> </u>			<del></del>			

Signature	· Lauli	APILY PILS	Considered	117/06	
	Initial if reference considered, when		with MPEP 609. Draw line	through citation if r	not in conformance and not

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document is Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. a Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 14 of 14

sono to a conscitori oi information unless ii di	
Application Number	10/080,970
Filing Date	February 22, 2002
First Named Inventor	Christopher W. Widenhouse
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-1008

		U.S. Patent Doo	curnent			
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
At		5,591,196		Marin, et al.	01-07-1997	,
		5,571,168		Toro, Connie D.	11-05-1998	
		5,571,135		Fraser, et al.	11-05-1996	
		5,569,296		Marin, et al	10-29-1996	
	·	5,540,712		Kleshinski, et al.	07-30-1996	
		5,534,007		St Germain, et al.	07-09-1996	
		5,217,482		Keith	06-08-1993	
		5,605,543		Swanson ·	02-25-1997	
		6,110,164		Vidlund	08-29-2000	
		6,193,686	B1	Estrada et al.	02-27-2001	•
		6,217,566	B1	Ju et al.	04-17-2001	
		6,224,803	B1	Tieman	05-01-2001	
		6,258,080	B1	Samson	07-10-2001	
M		6,293,959	B1	Miller et al.	09-25-2001	

				FOF	REIGN PATENT DOCUMENTS			
Examiner Initials	Cite No.1	Foreign	Patent Documer	nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
		Office <sup>3</sup>	Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>5</sup>		Applicant of Cited Document	Mm-dd-yyyy	To	
		·			,			

	Examiner	$\sim$	ellill	Date	11 /7	$I \wedge I$	
1	Signature		41 XI W	Considered	411	106	
	*EXAMINER:	Initial if reference considered, who	ther or not citation is in conformar	nce with MPEP 609. Draw	line through	citation if not i	n conformance and not
	considered. It	nclude copy of this form with next	ommunication to applicant.		1 /	•	

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.